



**Trade Waste Incineration**

7 Mobile Avenue  
Sauget, IL 62201-1069  
618/271-2804

*Dogle WSTN*  
*CC. RA/DPA*  
*RCRA*

RECEIVED

JUN 13 1994

REGIONAL ADMINISTRATOR

June 7, 1994

*Received*  
**JUN 14 1994**  
PRMT SECTION

Regional Administrator  
Region 7, U.S. Environmental Protection Agency  
Pesticides and Toxic Substances Branch  
PCB Control Section  
726 Minnesota Avenue  
Kansas City, KS 66101

Re: Trade Waste Incineration  
7 Mobile Avenue  
Sauget, IL 62201  
ILD098642424  
RCRA Part B Permit #29  
Unmanifested Waste Report pursuant to 40 CFR 761.211(c)

Dear Sir or Madam;

Unmanifested PCB waste, was received from Scientific Associates, Inc., 6200 S. Lindbergh Blvd., St. Louis, Missouri 63123, EPA identification number: MOD052618063 on Friday, May 20, 1994. The waste was transported by Chemical Waste Management, 4300 West 123rd Street, Alsip, Illinois 60658, EPA identification number ILD099202681.

The unmanifested waste was comprised of seven milliliters of "Arochlor." The Technician packing the waste used the 1993 edition of the Farm Chemicals Handbook as a reference for this chemical. The definition of "Arochlor" in this reference is "a mixture of chlorinated terphenyls," which was not interpreted to be a polychlorinated biphenyl. Upon receipt of the waste and the packaging slip, the Approvals Chemist at Trade Waste Incineration made the determination that the waste was actually a polychlorinated biphenyl, "Aroclor" as defined in the Merck Index. As Trade Waste Incineration is not permitted to incinerate TSCA regulated PCB's, the waste was returned to the generator on Wednesday, May 25, 1994.

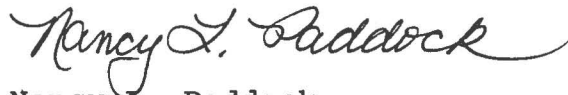


R00025245

RCRA Records Center

Should you have any questions regarding this situation, please contact me at (618) 271 - 2804 extension 115.

Sincerely,  
Trade Waste Incineration

A handwritten signature in cursive script that reads "Nancy L. Paddock". The signature is fluid and elegant, with the first letters of each word being capitalized and prominent.

Nancy L. Paddock  
Environmental Engineering Specialist

sar7pcb  
wpd1

## Environmental Guidelines

**SOLUBILITY:** In water 650 ppm at 25°C. Soluble in most organic solvents.

## Safety Guidelines

**SIGNAL WORD:** CAUTION.

**TOXICITY CLASS:** III.

**TOXICITY:** Tech (Rat): Oral LD<sub>50</sub> 4500 mg/kg. (Rabbit): Dermal LD<sub>50</sub> >200 mg/kg.

**HANDLING AND STORAGE CAUTIONS:** Avoid freezing. Store in original container. Destroy empty container; do not reuse. Keep out of reach of children. May be harmful if swallowed. Avoid contact with skin, eyes, or clothing. Do not contaminate water, food or feed.

BP: DowElanco

**Arctan\* (MEMC)** — Discontinued 1984 by Bayer AG.

**Arctan\* 6 (MEMC)** — Discontinued by ICI Agrochemicals U.K.

**Arctan-nieuw\*** — see Cerewet\*.

**Arctit\***

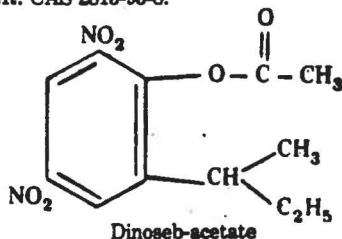
(Discontinued 1987 by Hoechst AG)

## Identification

**COMMON NAME:** Dinoseb acetate (BSI, ISO).

**OTHER NAMES:** Hoe 002904, Ivosit\*, Phenotan\*.

**CODE NUMBER:** CAS 2813-95-8.



## Action/Use

**ACTION:** Selective herbicide.

## Safety Guidelines

**SIGNAL WORD:** DANGER.

**TOXICITY CLASS:** I.

**Argold\***

## Identification

**COMMON NAME:** Cinnethylin (BSI proposed).

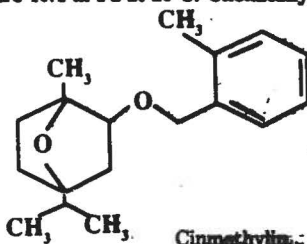
**DISCONTINUED NAMES:** Cinch\* (Du Pont).

## Chemistry

**COMPOSITION:** exo-1-methyl-4-(1-methylethyl)-2-(2-methylphenyl-methoxy)-7-oxabicyclo-[2.2.1] heptane.

**FAMILY:** Cineole.

**PROPERTIES:** Amber colored liquid. Boiling point 313°C at 760 mm/Hg. Vapor pressure 10.1 m Pa at 20°C. Chemically, thermally stable.



## Action/Use

**ACTION:** Herbicide.

**USE:** For paddy rice.

**FORMULATIONS:** Argold\*

**COMBINATIONS:** Argold\* in transplanted rice.

**Registration Notes:** (Rat)

**Outside U.S.:** Argold\*

## Environmental Guidelines

**HAZARDS:** Fish: Moderate

**SOLUBILITY:** In water 63 ppm. Miscible in a range of other solvents.

## Safety Guidelines

**SIGNAL WORD:** CAUTION.

**TOXICITY CLASS:** III.

**TOXICITY:** (Rat): Oral LD<sub>50</sub> 4553 mg/kg. (Rabbit): Dermal LD<sub>50</sub> >2000 mg/kg.

**PROTECTIVE CLOTHING:** Overalls and rubber gloves.

**HANDLING AND STORAGE CAUTIONS:** Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Store under cool, dry conditions.

## Emergency Guidelines

**ANTIDOTE:** Unknown. Poisoning unlikely.

BP: Shell International Chemical Co., Ltd. (Argold\*)

**Arisan\* (Eptapur\*)** — Discontinued by BASF AG.

**Arkotine\* (DDT)** — Discontinued by Shell International Chemical Co., Ltd.

**Armac\***

## Chemistry

**COMPOSITION:** Aliphatic amine acetates.

BP: Akzo Chemical Inc.<sup>1</sup>

**Armeen\***

## Identification

**COMPOSITION:** Aliphatic amines.

BP: Akzo Chemical Inc.<sup>1</sup>

**Armix\***

## Action/Use

**ACTION:** Series of adjuvants.

**USE:** Spreading, wetting, penetrating, emulsifying agents.

BP: Witco, Organics Div.

**Armour\*** — see Impact\*.

**Armul\***

## Action/Use

**ACTION:** Series of emulsifiers.

**USE:** Multipurpose emulsifying agents for agricultural formulations.

**FORMULATIONS:** Flowables, crop oils, insecticide, specialty herbicide emulsifiers.

BP: Witco, Organics Div.

**Arnax\***

(Discontinued 1986 by DeSoto Inc.)

## Action/Use

**ACTION:** Specialty nonionics.

→ **Arochlor\***

(Discontinued 1970 by Monsanto Agricultural Co.)

## Chemistry

**COMPOSITION:** Mixture of chlorinated terphenyls.

## Action/Use

**ACTION:** Reduce vapor pressure; prolong residual activity of insecticides.

## Aromatic Compound

Compound derived from benzene or related raw material having a pungent odor; characterized by the presence of the benzene ring.



Benzene Ring

## Aromatic Oils

Petroleum oil distillates differ in their content of aromatic (ring type) compounds. Xylene range is of higher purity and more solvent than the heavier aromatic solvents, and better adapted to multiple formulations (two or more toxicants in same formulation). Those distillates high in aromatics are used directly as selective and non-selective herbicides, sometimes with other herbicides dissolved in them. Oil fractions high in aromatics are commonly the solvent in emulsifiable insecticide concentrates.

See Petroleum Oils.

**Arprocarb** — see Propoxur.

**Arqued\* 2C-75**

## Chemistry

**COMPOSITION:** Dimethyldicocconium chloride.

**PROPERTIES:** Quaternary ammonium compound from coconut oil.

## Action/Use

**ACTION:** Surface active agents.

BP: Akzo Chemical Inc.<sup>1</sup>

**Arrat\* (chloridazon/phenmedipham)** — Discontinued 1989 by BASF AG.

**Arrhenal** — see DSMA.

**Arrivo\*** — see Cypermethrin.

**Arrocolo\*** — see Molinate; Propanil.

**Arsenal\***

## Identification

**COMMON NAME:** Imazapyr.

**OTHER NAMES:** CL 255,985; AC252,985.

**CODE NUMBER:** CAS 061510-83-0.

## Chemistry

**COMPOSITION:** 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-nicotinic acid (IUPAC); isopropylamine salt of imazapyr(2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid).

Chemicals are cross-referenced by common and trade name.

\* — Trade Name/R/TM BP — Basic Producer F — Formulator

<sup>1</sup>Information not updated by company for 1989.